

a means for canceling the connection when the direct current voltage drops down to below second predetermined level, and for re-starting the connection with the grid when the direct current voltage returns back to the first predetermined level; and

a fault detecting means for judging that the power generator has a fault when the direct current voltage drops down to below the second predetermined level after the re-starting of the connection.

2. (Amended) An engine generator apparatus according to claim 1, wherein the output of the inverter is gradually increased at the start of the connection of the apparatus with the grid.

3. (Amended) An engine generator apparatus according to claim 1, comprising a means where a generator fault signal is outputted, when the canceling and the re-starting of the connection with the grid and the direct current voltage drops down to below the second predetermined level is repeated.

4. (Amended) An engine generator apparatus according to claim 2, comprising a means where a generator fault signal is outputted, when the canceling and the re-starting of the connection with the grid and the direct current voltage drops down to below the second predetermined level is repeated.